

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN121018\
 Data File : VN052765.D
 Acq On : 10 Dec 2018 20:30
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 11 03:07:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	93	0.00
2 T	Dichlorodifluoromethane	0.468	0.384	17.9	79	0.00
3 P	Chloromethane	0.618	0.497	19.6	76	0.00
4 C	Vinyl Chloride	0.635	0.531	16.4#	79	0.00
5 T	Bromomethane	0.396	0.290	26.8#	75	0.00
6 T	Chloroethane	0.385	0.332	13.8	83	0.00
7 T	Trichlorofluoromethane	0.780	0.712	8.7	87	0.00
8 T	Diethyl Ether	0.288	0.284	1.4	92	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.487	0.460	5.5	90	0.00
10 T	Methyl Iodide	0.648	0.582	10.2	81	0.00
11 T	Tert butyl alcohol	0.027	0.033	-22.2	113	0.00
12 CM	1,1-Dichloroethene	0.468	0.432	7.7#	87	0.00
13 T	Acrolein	0.047	0.020	57.4#	41#	0.00
14 T	Allyl chloride	0.807	0.743	7.9	83	0.00
15 T	Acrylonitrile	0.173	0.179	-3.5	94	0.00
16 T	Acetone	0.144	0.122	15.3	80	0.00
17 T	Carbon Disulfide	1.474	1.108	24.8	72	0.00
18 T	Methyl Acetate	0.412	0.459	-11.4	105	0.00
19 T	Methyl tert-butyl Ether	1.246	1.311	-5.2	98	0.00
20 T	Methylene Chloride	0.562	0.513	8.7	89	0.00
21 T	trans-1,2-Dichloroethene	0.500	0.459	8.2	85	0.00
22 T	Diisopropyl ether	1.696	1.638	3.4	89	0.00
23 T	Vinyl Acetate	1.056	0.961	9.0	83	0.00
24 P	1,1-Dichloroethane	0.968	0.923	4.6	89	0.00
25 T	2-Butanone	0.204	0.200	2.0	90	0.00
26 T	2,2-Dichloropropane	0.670	0.636	5.1	88	0.00
27 T	cis-1,2-Dichloroethene	0.583	0.562	3.6	91	0.00
28 T	Bromochloromethane	0.442	0.424	4.1	89	0.00
29 T	Tetrahydrofuran	0.131	0.134	-2.3	94	0.00
30 C	Chloroform	0.966	0.923	4.5#	92	0.00
31 T	Cyclohexane	1.083	0.805	25.7#	81	0.00
32 T	1,1,1-Trichloroethane	0.765	0.759	0.8	93	0.00
33 S	1,2-Dichloroethane-d4	0.544	0.548	-0.7	93	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
35 S	Dibromofluoromethane	0.308	0.264	14.3	78	0.00
36 T	1,1-Dichloropropene	0.472	0.437	7.4	85	0.00
37 T	Ethyl Acetate	0.288	0.290	-0.7	94	0.00
38 T	Carbon Tetrachloride	0.427	0.420	1.6	91	0.00
39 T	Methylcyclohexane	0.574	0.519	9.6	83	0.00
40 TM	Benzene	1.407	1.346	4.3	88	0.00
41 T	Methacrylonitrile	0.158	0.155	1.9	86	0.00
42 TM	1,2-Dichloroethane	0.426	0.421	1.2	91	0.00
43 T	Isopropyl Acetate	0.488	0.556	-13.9	105	0.00
44 TM	Trichloroethene	0.360	0.366	-1.7	94	0.00
45 C	1,2-Dichloropropane	0.374	0.365	2.4#	90	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.207	0.212	-2.4	94	0.00
47 T	Bromodichloromethane	0.450	0.456	-1.3	93	0.00
48 T	Methyl methacrylate	0.254	0.271	-6.7	97	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	100	0.00
50 S	Toluene-d8	1.200	1.223	-1.9	91	0.00
51 T	4-Methyl-2-Pentanone	0.274	0.296	-8.0	97	0.00
52 CM	Toluene	0.836	0.831	0.6#	89	0.00
53 T	t-1,3-Dichloropropene	0.433	0.457	-5.5	94	0.00
54 T	cis-1,3-Dichloropropene	0.519	0.532	-2.5	92	0.00
55 T	1,1,2-Trichloroethane	0.294	0.309	-5.1	96	0.00
56 T	Ethyl methacrylate	0.362	0.418	-15.5	101	0.00
57 T	1,3-Dichloropropane	0.519	0.527	-1.5	93	0.00
58 T	2-Chloroethyl Vinyl ether	0.213	0.226	-6.1	95	0.00
59 T	2-Hexanone	0.184	0.200	-8.7	96	0.00
60 T	Dibromochloromethane	0.319	0.342	-7.2	96	0.00
61 T	1,2-Dibromoethane	0.292	0.304	-4.1	96	0.00
62 S	4-Bromofluorobenzene	0.403	0.434	-7.7	96	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
64 T	Tetrachloroethene	0.388	0.438	-12.9	107	0.00
65 PM	Chlorobenzene	1.031	1.042	-1.1	93	0.00
66 T	1,1,1,2-Tetrachloroethane	0.358	0.372	-3.9	95	0.00
67 C	Ethyl Benzene	1.805	1.811	-0.3#	91	0.00
68 T	m/p-Xylenes	0.672	0.680	-1.2	91	0.00
69 T	o-Xylene	0.653	0.667	-2.1	92	0.00
70 T	Styrene	1.040	1.116	-7.3	94	0.00
71 P	Bromoform	0.237	0.266	-12.2	100	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
73 T	Isopropylbenzene	3.923	3.705	5.6	93	0.00
74 T	N-amyl acetate	0.991	1.093	-10.3	105	0.00
75 P	1,1,2,2-Tetrachloroethane	0.892	0.840	5.8	94	0.00
76 T	1,2,3-Trichloropropane	0.771	0.746	3.2	99	0.00
77 T	Bromobenzene	0.970	0.939	3.2	96	0.00
78 T	n-propylbenzene	4.456	4.274	4.1	92	0.00
79 T	2-Chlorotoluene	2.654	2.490	6.2	92	0.00
80 T	1,3,5-Trimethylbenzene	3.129	3.020	3.5	93	0.00
81 T	trans-1,4-Dichloro-2-butene	0.231	0.235	-1.7	96	0.00
82 T	4-Chlorotoluene	2.675	2.569	4.0	93	0.00
83 T	tert-Butylbenzene	2.789	2.664	4.5	95	0.00
84 T	1,2,4-Trimethylbenzene	3.135	3.086	1.6	94	0.00
85 T	sec-Butylbenzene	3.799	3.645	4.1	93	0.00
86 T	p-Isopropyltoluene	3.236	3.155	2.5	94	0.00
87 T	1,3-Dichlorobenzene	1.696	1.690	0.4	98	0.00
88 T	1,4-Dichlorobenzene	1.671	1.661	0.6	97	0.00
89 T	n-Butylbenzene	2.691	2.686	0.2	92	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.548	0.525	4.2	94	0.00
91 T	1,2-Dichlorobenzene	1.620	1.632	-0.7	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.128	0.138	-7.8	104	0.00
93 T	1,2,4-Trichlorobenzene	0.766	0.930	-21.4	107	0.00
94 T	Hexachlorobutadiene	0.521	0.495	5.0	97	0.00
95 T	Naphthalene	1.582	2.012	-27.2#	111	0.00
96 T	1,2,3-Trichlorobenzene	0.716	0.848	-18.4	107	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6